

Soil-Applied Herbicide Rates for Corn

Soil Texture

Herbicide	Coarse (light)	Medium	Fine (heavy)
AAtrex Nine-0	2.2 lb	2.2 lb	2.2 lb
Acuron*	2.5 qt	2.5 qt	3 qt
Anthem Flex	2.75-5 oz/A	3-6 oz/A	3.5-7.28 oz/A
Anthem Maxx	2.5-3.5 oz	3-4 oz	4-5 oz
Atrazine 4L	2 qt	2 qt	2 qt
Bicep II Magnum	1.3 qt	1.5 qt	2 qt
Callisto	6 oz	6 oz	7.7 oz
Cinch	1 pt	1.33 pt	1.67 pt
Cinch ATZ	1.3 qt	1.5 qt	2 qt
Degree	2.75-3.75 pt	4.25-5 pt	5-5.5 pt
Degree Xtra	2.9 qt	2.9-3.7 qt	3.2-3.7 qt
Dual II Magnum	1 pt	1.33 pt	1.67 pt
Harness MAX	55-64 oz	64-75 oz	75-95 oz
Keystone NXT	1.5-2 pt	1.5-2.5 pt	2-3 pt
Lexar EZ	3 qt	3 qt	3 qt
Outlook	12-14 oz	14-21 oz*	14-21 oz*
Prowl 3.3EC + Atrazine 90	1.8 pt + 1.1 lb	2.4 pt + 1.7 lb	2.4 pt + 2.2 lb
Sharpen	2-2.5 oz	2.5-3 oz	3-3.5 oz
Surestart II	1.5-2 pt	1.5-2.5 pt	2-3 pt
Verdict	10-12 oz	13-15 oz	16-18 oz
Zidua SC	2.5-4.5 oz	3.5-5 oz	4-6.5 oz

NOTE: It is impossible to list all of the combinations possible considering the different formulations of glyphosate, Atrazine, Micro-Tech, Dual and mesotrione. Refer to the label of the products in question for the correct rates.

*The use rate of Acuron is based more on organic matter than soil texture.

All soil types < 3% OM = 2.5 qt/A

All soil types > 3% OM = 3 qt/A

Soil-Applied Herbicide Rates for Grain Sorghum

Soil Texture

Herbicide	Coarse (light)	Medium	Fine (heavy)
Preplant Herbicides			
Dual II Magnum	1 pt	1.33 pt	1.67 pt
Micro-Tech	---	3 qt	3 qt
Outlook	0.75 pt	0.87 pt	1 pt
Preemergence Herbicides			
AAtrex Nine-0	---	1.1 qt	1 qt
Atrazine 4L	---	1 qt	1 qt
Atrazine 80W	---	1.25 lb	1.25 lb
Bicep II Magnum	1.3 qt	1.5 qt	2 qt
Dual II Magnum	1 pt	1.33 pt	1.67 pt
Lexar	---	3 qt	3 qt
Sharpen	2 oz	2 oz	2 oz
Verdict	10 oz	10-12 oz	12-18 oz

All rates are broadcast rates. Reduce rates for appropriate band width.
See example 2 on page 6.

Crop Replant and Rotation Guide for Corn and Grain Sorghum Herbicides*

Herbicide	Replant/Crop Rotation	Time Interval	Precautions
2,4-D	All	90 days	90 days or until sufficiently dissipated.
Accent Q/Zest	C W S CT	I 4 months 15 days 10 months	Sweet corn and popcorn - 10 months. All crops not specified - 10 months if pH < 6.5 or 18 months if pH > 6.5. Grain sorghum - 10 months if pH < 7.5 or 18 months if pH > 7.5.
Acuron	C SG, B, W CT, P, R, S, GS All	I 4 months 10 months 18 months	
Anthem Maxx/ Anthem Flex	S, C R SG W CT, P, SF	I 10 months 11 months 4 months 4 months	See label for rotational intervals by rate applied.
Atrazine	C, GS All	I FY	If applied after June 10, only corn and grain sorghum can be planted the following year.
Basagran	All	I	
Bicep II Magnum Cinch ATZ	C, GS† S, CT SG All	I FY 15 months 18 months	† Use Concep-treated seed. If applied after June 10, only corn and grain sorghum can be planted the following year.
Buctril	C, GS SG All	I Fall FY	
Buctril + atrazine	C, GS S CT, FG, FL, R SG All others	I FY Do not plant the year following application.	If applied after June 15, plant only corn or grain sorghum the next year.
Callisto/Harness MAX	C, GS SG All	I 4 months 10 months	Do not apply post if soil was treated with Counter or Lorsban.
Dicamba	C, GS W All	I 45 days/pt† Following normal harvest of C, G, W, GS	† Wheat planting must be delayed 45 days after application per pint of Banvel used.
Dual II Magnum Cinch	C, S, GS† SG R All	I 4.5 months Next spring 18 months	† Use Concep-treated seed.
Gambit	R C W, GS, SG CT, P, S	I 1 month 2 months 10 months	See label for other rotational crop restrictions.
Glyphosate			No restrictions.
Guardsman Max	GS, S, CT All	FY Do not plant the year following application.	
Halex GT	C, GS† SG CT, S	I 4 months 10 months	† Use Concep-treated grain sorghum seed.
Huskie	CT SF, C GS R S W	FY 9 months 4 months FY 4 months 1 month	
Keystone NXT	C GS, S, R A, SG, SF, W	I Following spring 15 months	

Herbicide	Replant/Crop Rotation	Time Interval	Precautions
Lexar EZ	C, GS CT, SG, S, P All	I Next spring 18 months	Use Concep-treated grain sorghum seed.
Glufosinate	CT, C, R, S SG, W All other	I 70 days 180 days	
Outlook	C, S SG All	I 4 months Next spring	
Paraquat			No restrictions.
Peak	IR Corn, SG C, GS R, FG, S, CT, P A, SF	I 1 month 10 months 22 months	Do not replant any broadleaf crop if less than 10 inches of rainfall or irrigation has occurred since the application of Peak.
Permit	W S	3 months 10 months	
Prowl	CT, S W, B All	I 120 days† FY	† 90 days after post-incorporated application, cannot plant using no-tillage practices.
Realm Q	C SG W CT, GS, S	I 9 months 4 months 10 months	
Resicore	C W A, B, R, GS, S, SF CT	I 4 months 10.5 months 12 months	
Resolve Q	C W A, R, GS, S, SF All other CT	I 3 months 10 months 18 months 1 month	If at least 15 inches of rainfall has not occurred since application, CT, GS, SF, A rotations are extended to 18 months. Do not replant rice on soils with greater than pH 6.5.
ShieldEx	B, W, FG A, CA, CT P, R, ES, S SF	3 months 9 months	
Surestart II	C W A, B, S GS SF CA, CT	I 4 months Following spring 12 months 18 months 26 months	
Sustain 14 oz/A	C, SC W S CT, P R GS, SF SG	I 1 month 3 months 4 months 7 months 12 months 6 months 11 months	Rotation intervals will decrease and increase depending on rate
Storen	C, SC W CT, S, P, GS SG R All	I 4.5 months 10 months 11 months 12 months 30 months	Cover crops for soil building or erosion control may be planted any time but do not graze or harvest for food or feed
Zidua (3.25 oz)	C, S W CT, P, SF, W R All	I 4 months 10-18 months 18 months	Depending on rate used.

*This table applies to the major field and forage crops. Refer to the herbicide labels for the latest recrop and rotation information for horticultural crops. These are written as best we could interpret the labels. We regret any omissions or errors. Always refer to product labels before using a pesticide or replanting into treated fields.

KEY

Crop

All = All crops not specified
A = Alfalfa
B = Barley
C = Corn
CA = Canola

CT = Cotton
FG = Forage Grasses
FL = Forage Legumes
GS = Grain Sorghum
P = Peanuts

R = Rice
S = Soybeans
SF = Sunflowers
SG = Small Grains
W = Wheat

Timing

I = Immediately
FY = Following year (usually spring)